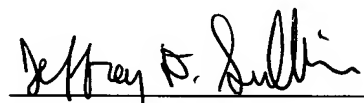


REMARKS

The specification has been amended to claim priority to U.S. Patent Application Serial No. 10/058,575, filed January 28, 2002, which claims a priority date of January 26, 2001. Original Figures 1-20 have been replaced with new Figures 1-20, filed herewith as formal drawings. Claims 1-17 have been canceled without prejudice to the prosecution of the subject matter in other patent applications. It is respectfully asserted that no new matter has been added to the present application.

Respectfully submitted,



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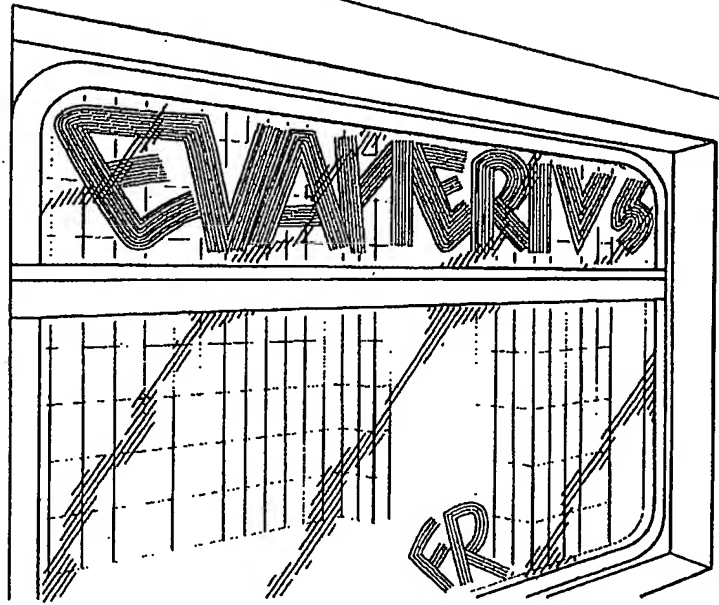


FIG. 1A

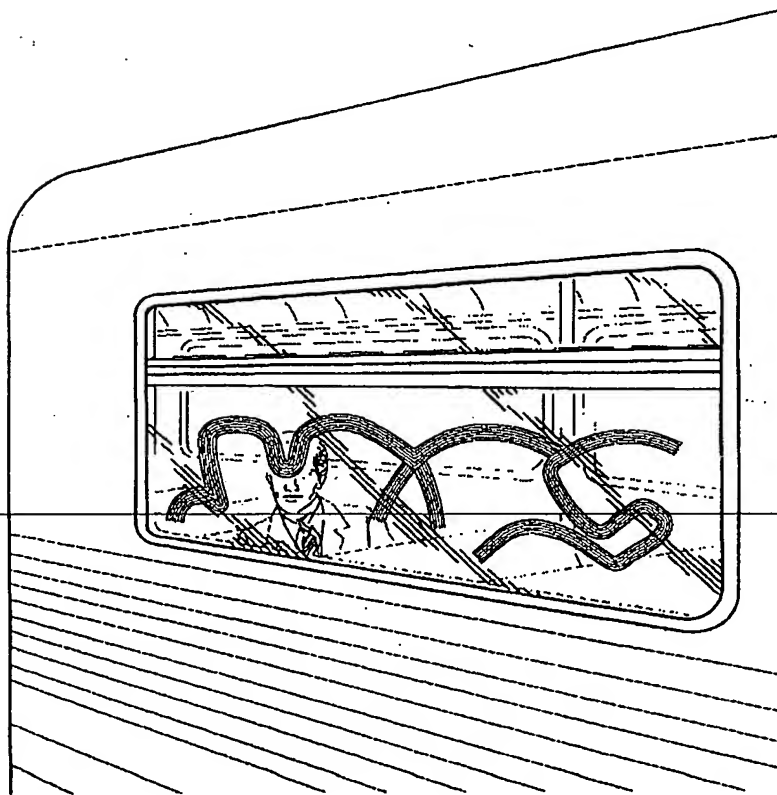
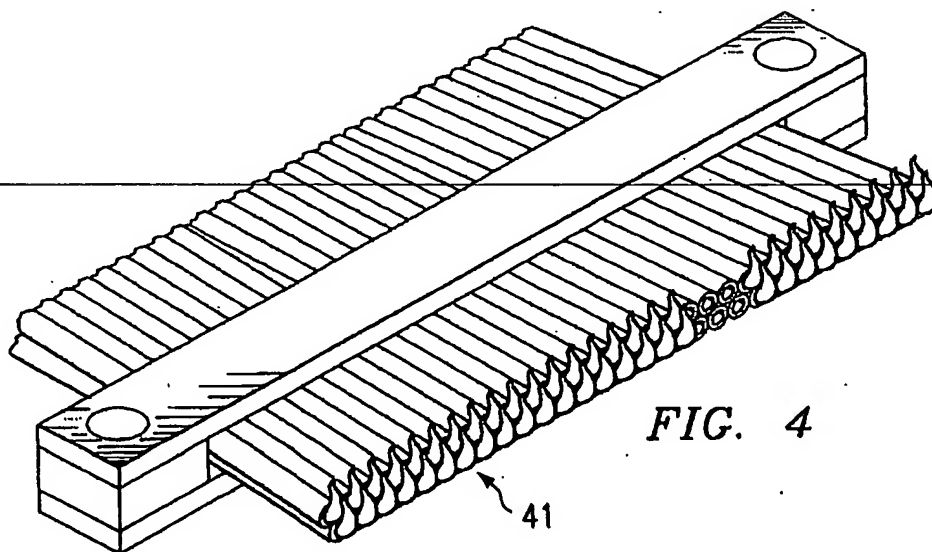
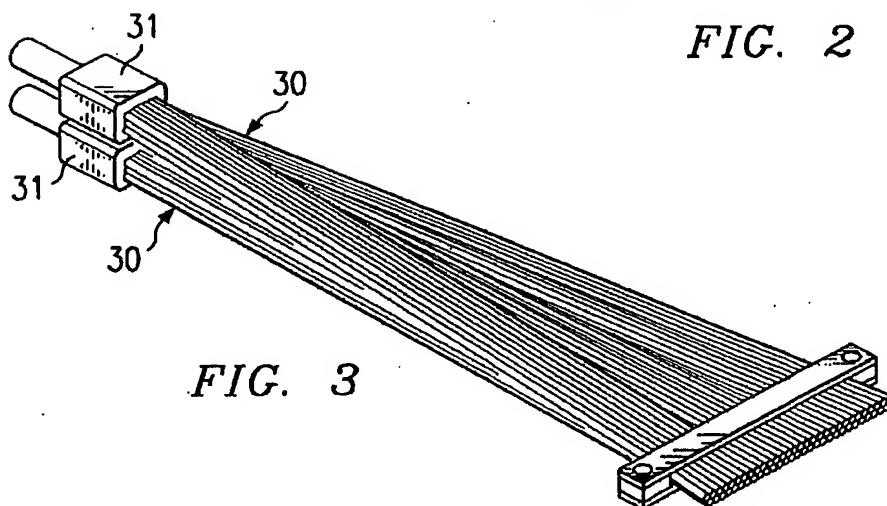
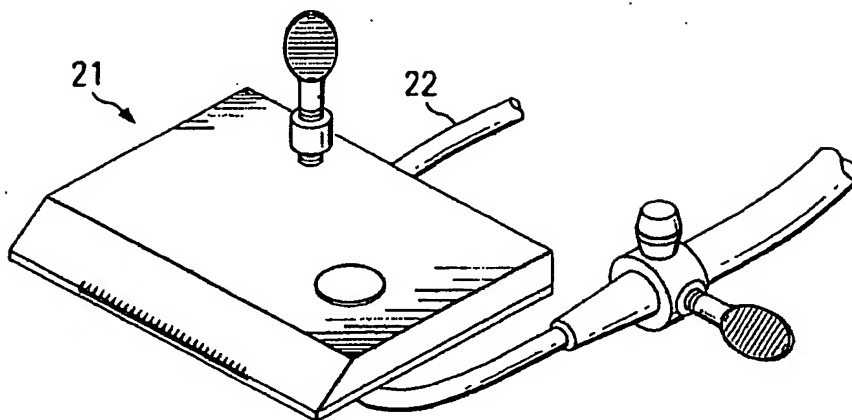


FIG. 1B

A4

2/11



A4

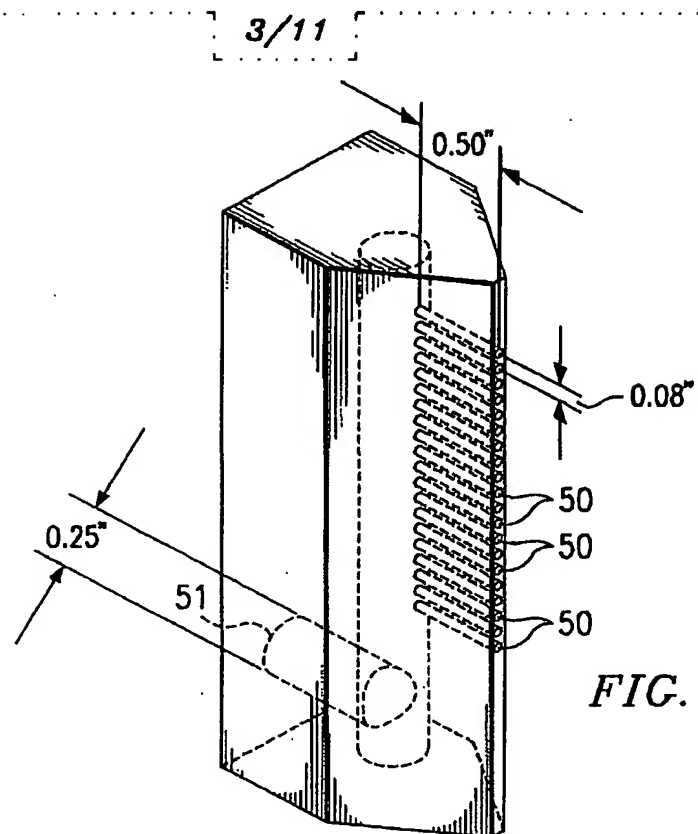


FIG. 5

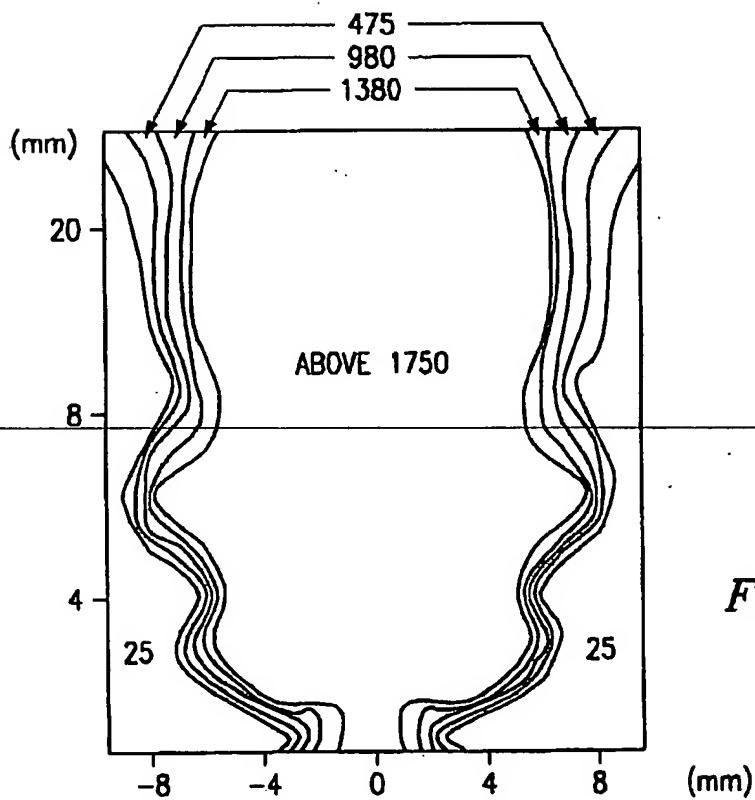
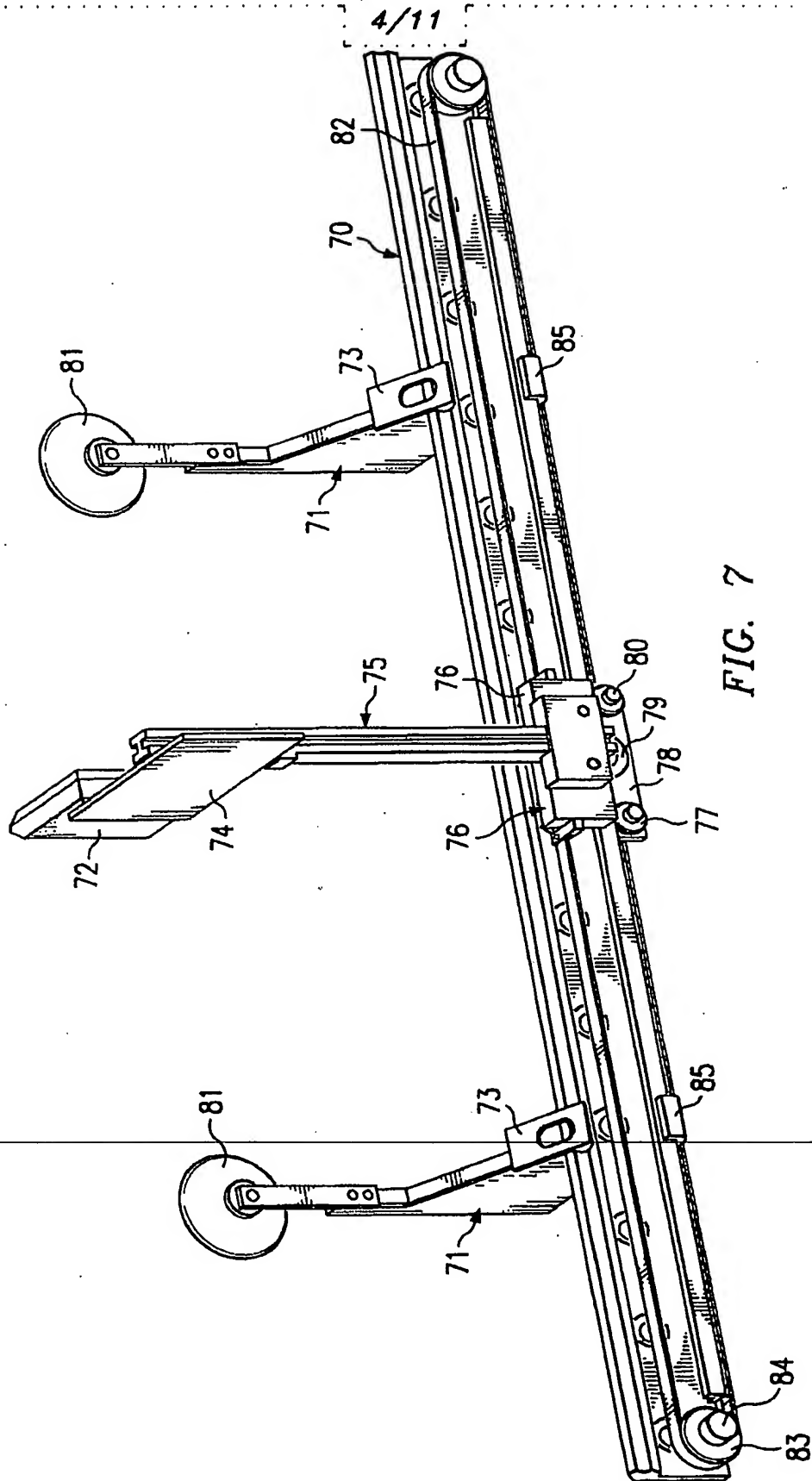


FIG. 6

A4



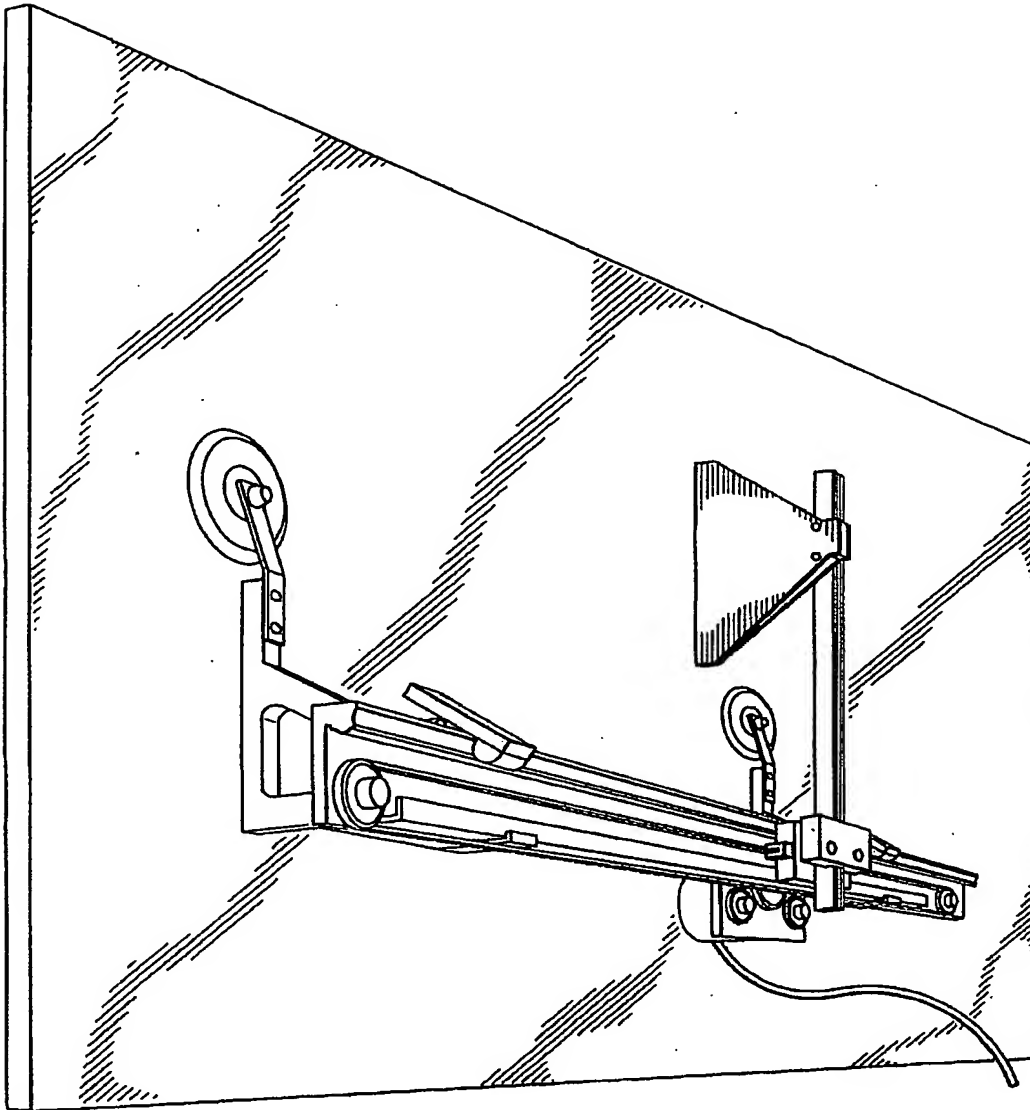


FIG. 8

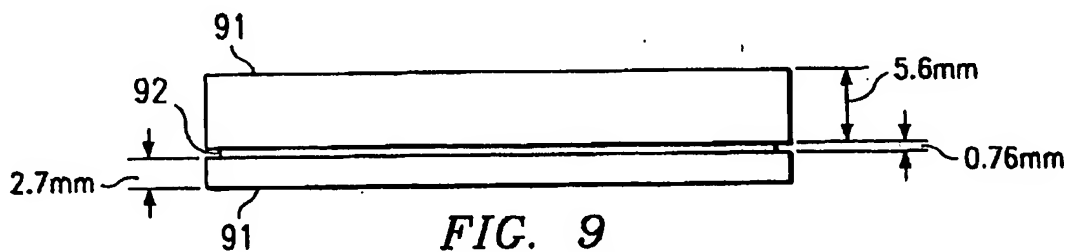


FIG. 9
(PRIOR ART)

A4

6/11

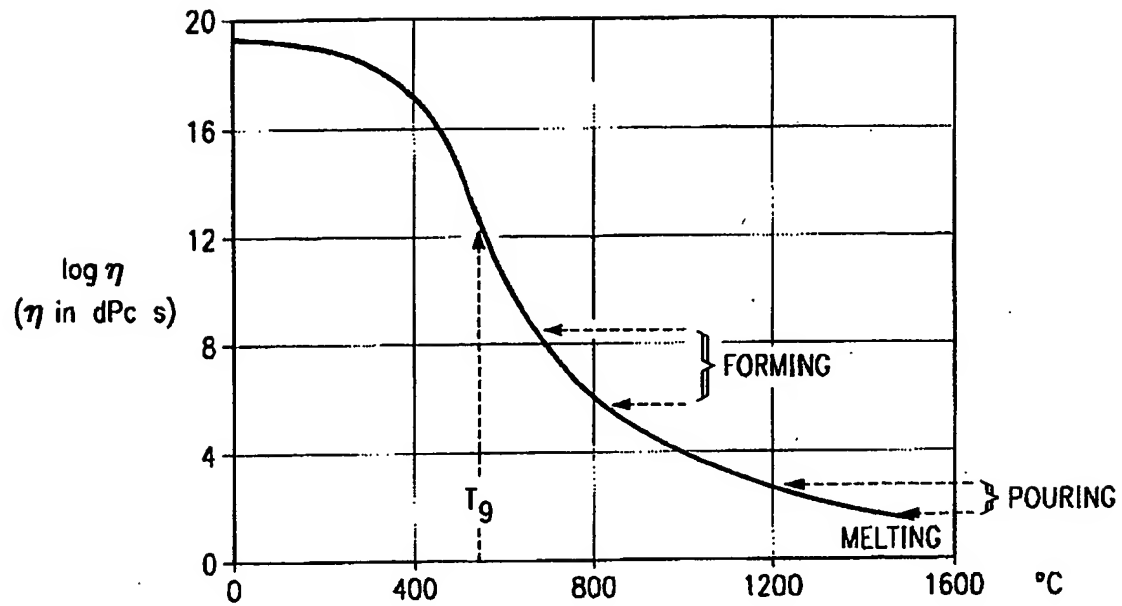


FIG. 10

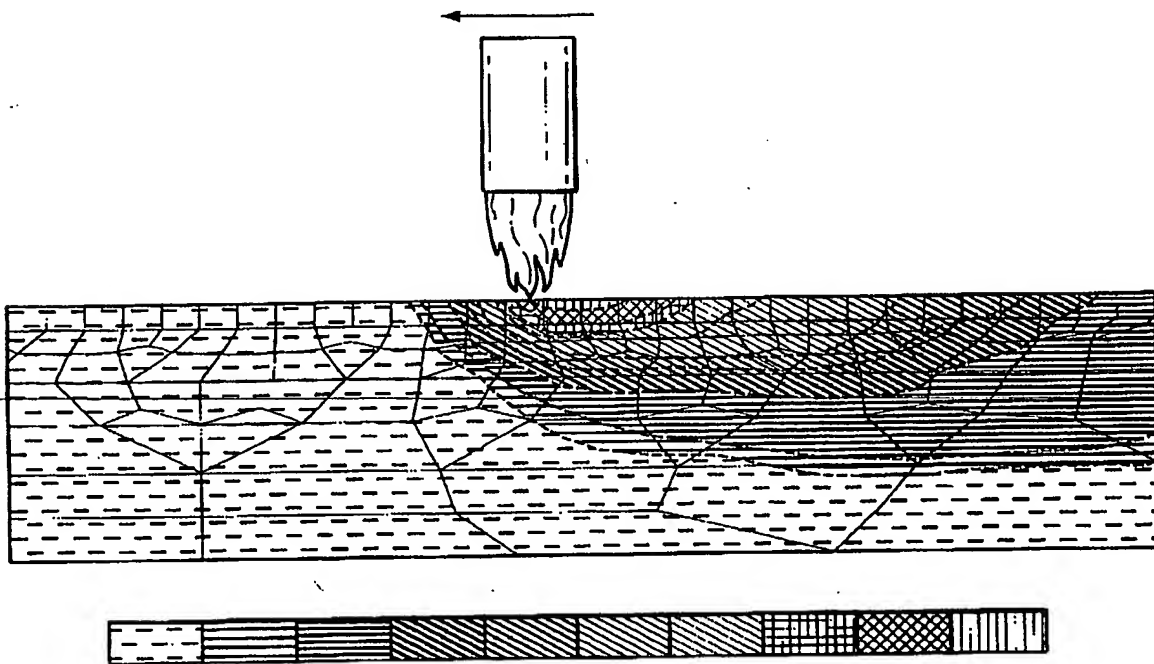


FIG. 12

A4

7/11

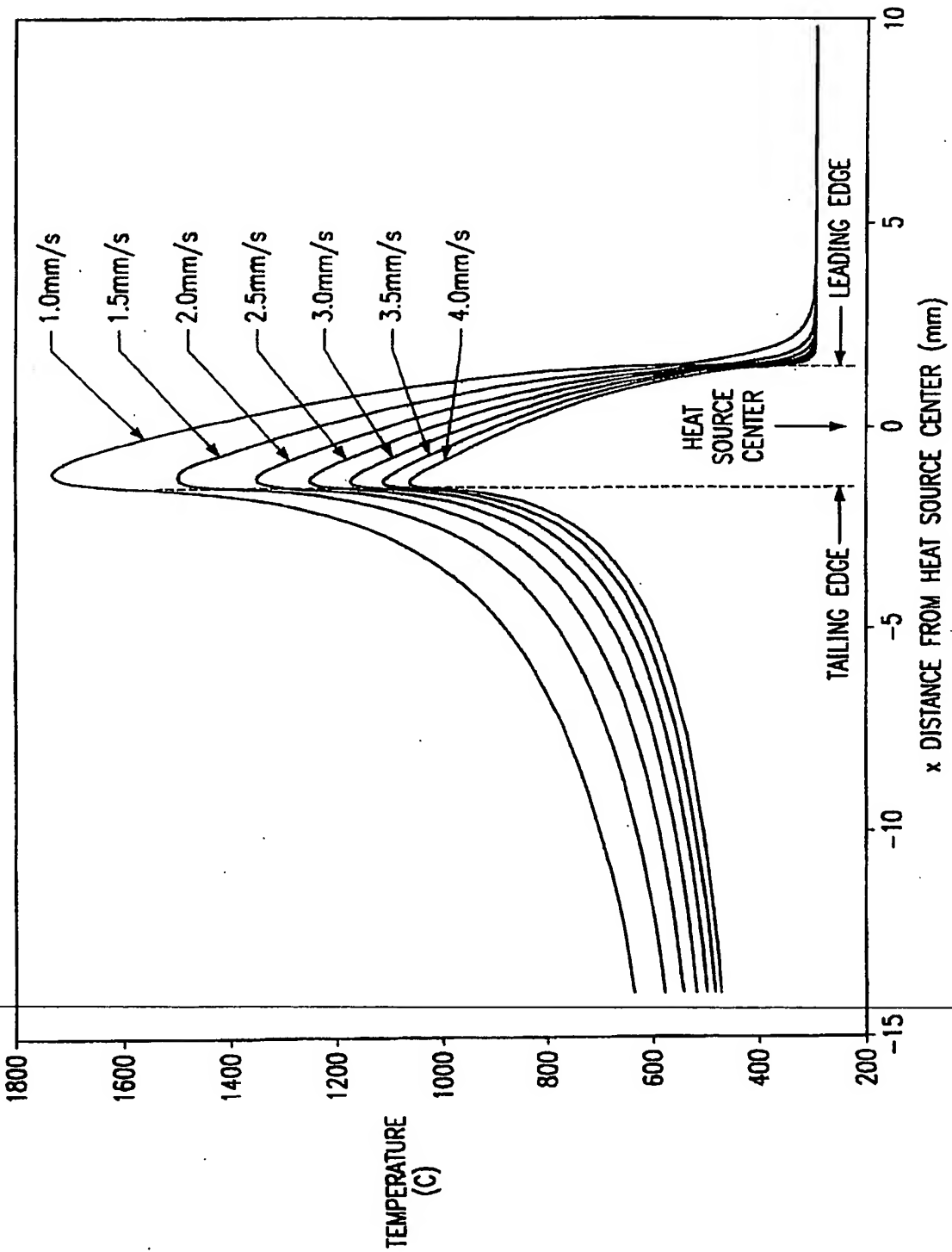


FIG. 11

A4

8/11

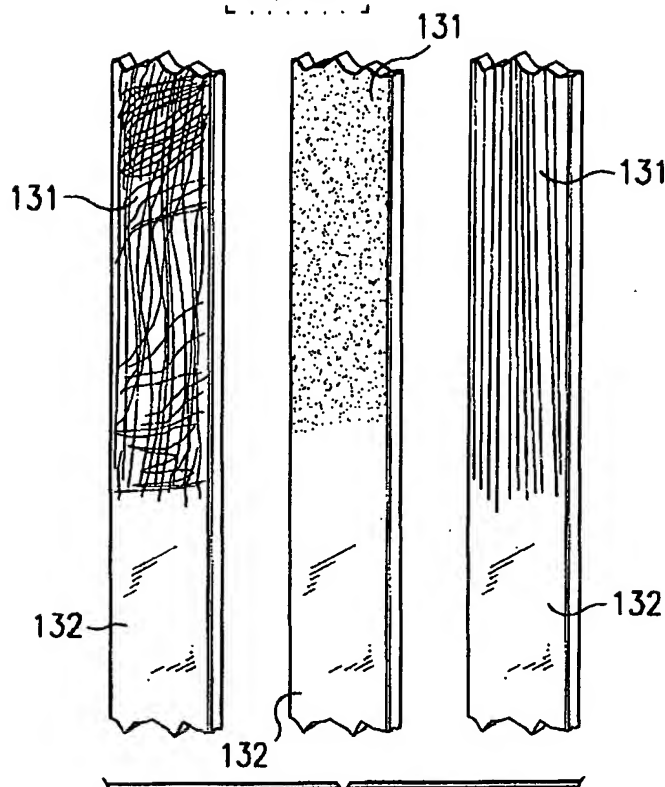


FIG. 13

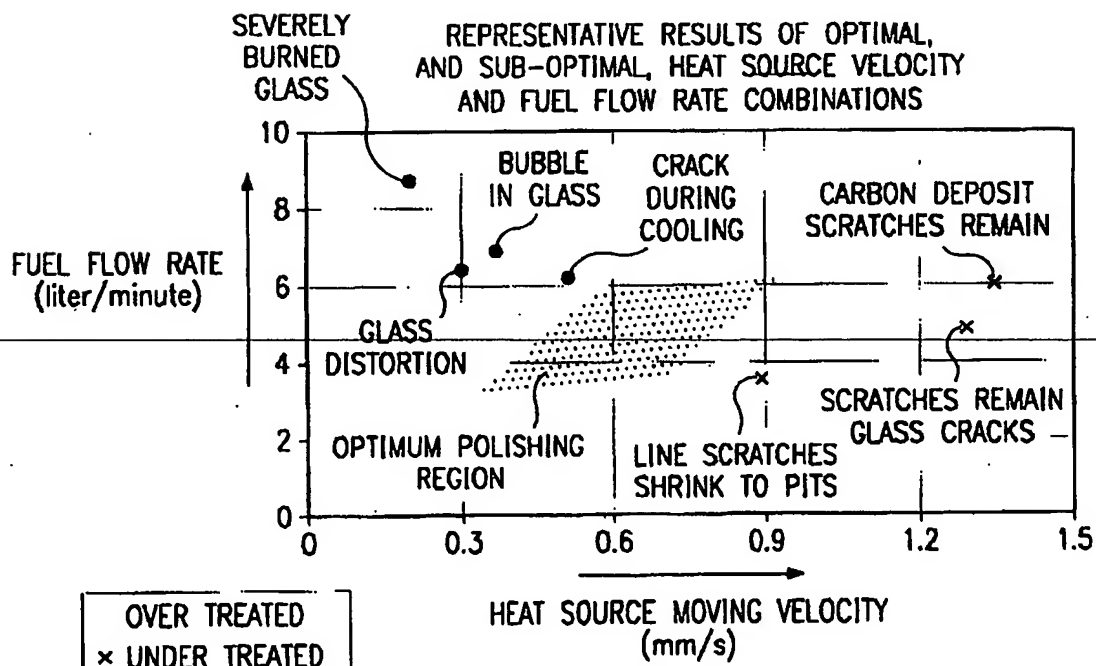


FIG. 14

A4

9/11

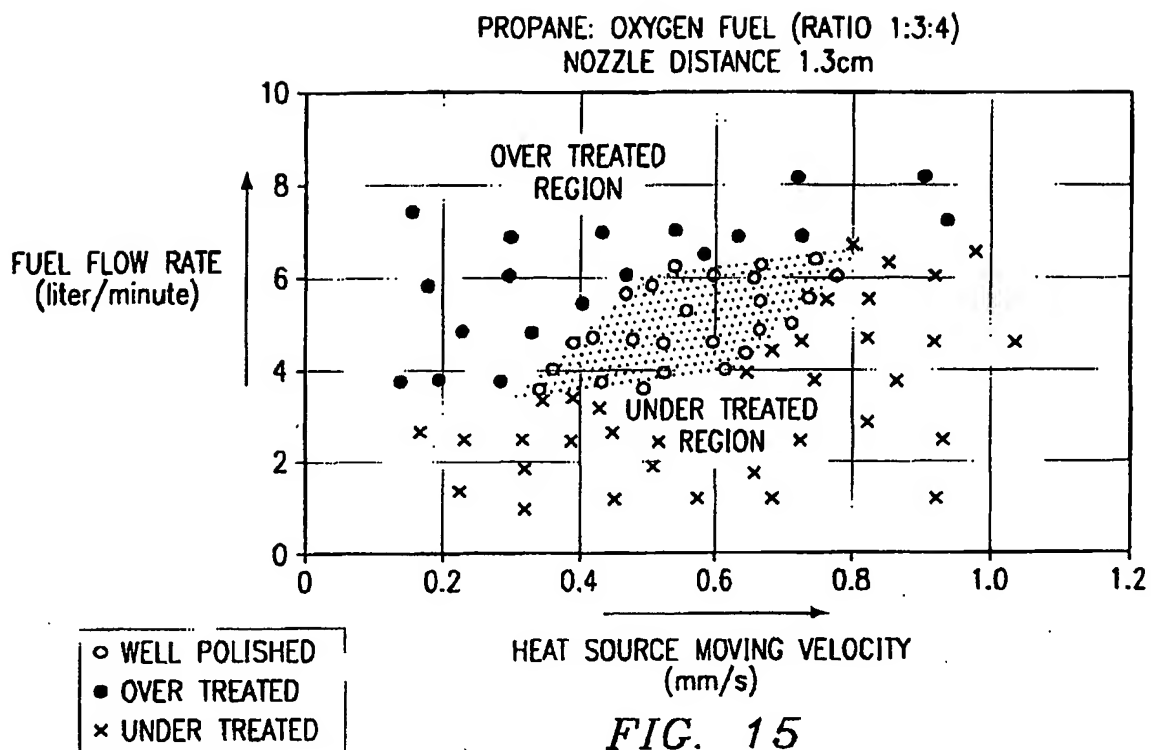


FIG. 15

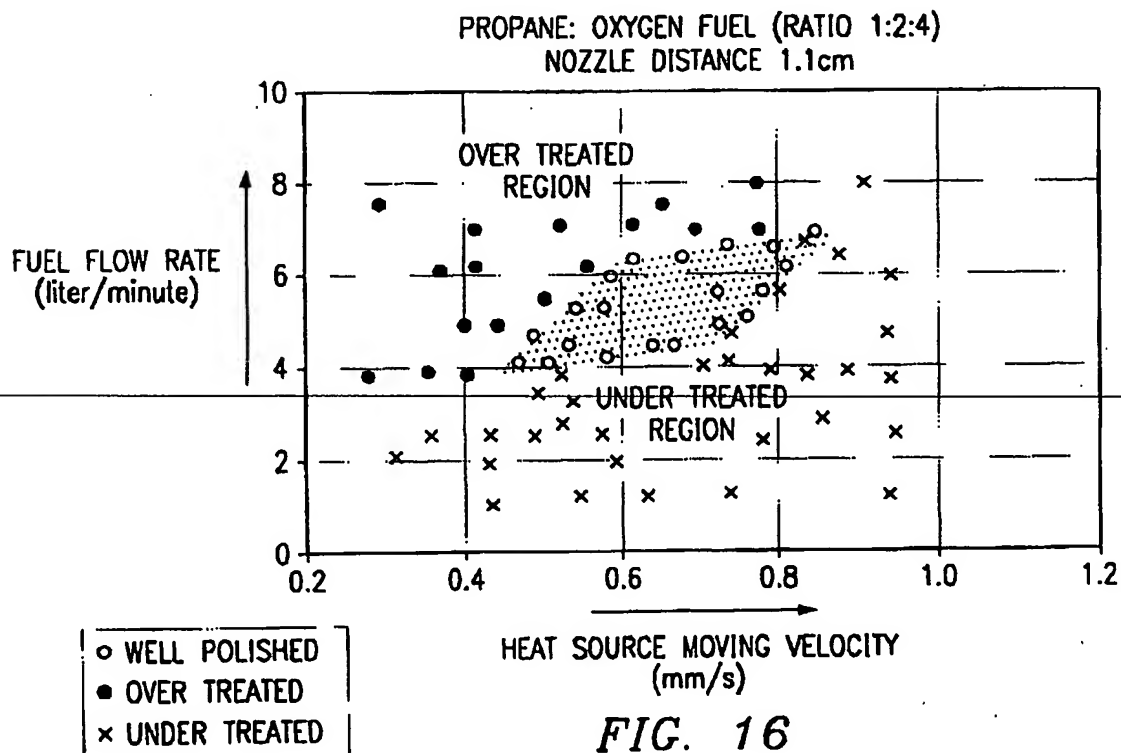


FIG. 16

A4

10/11

PROPANE: OXYGEN FUEL (RATIO 1:3:9)
NOZZLE DISTANCE 1.0cm

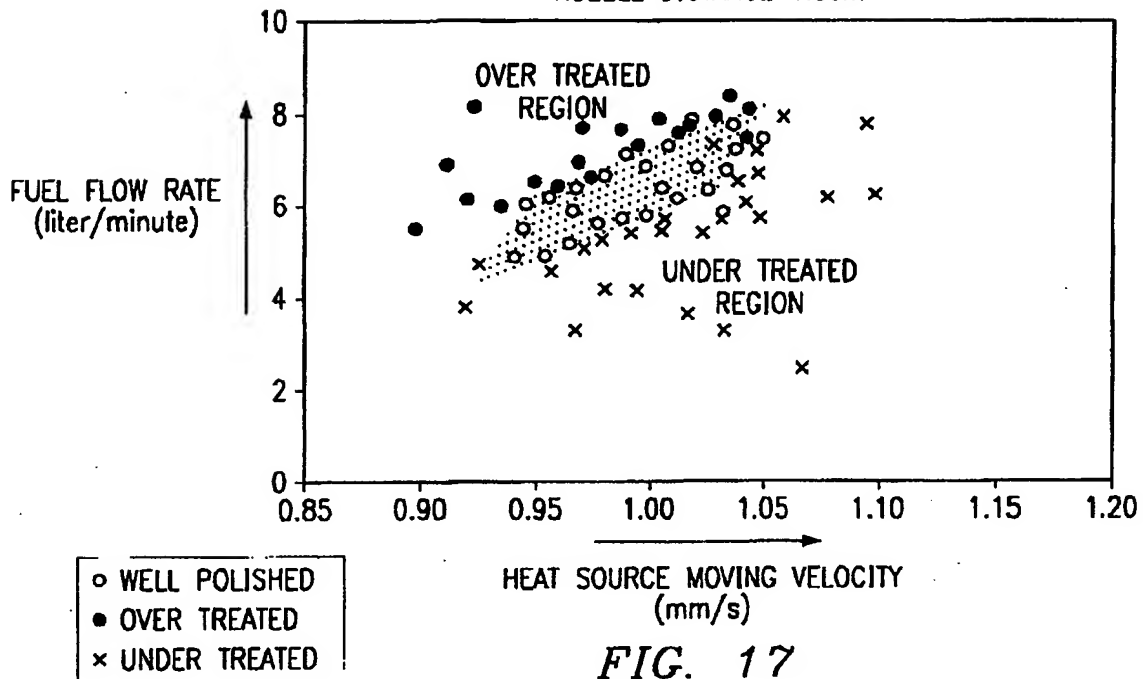


FIG. 17

PROPANE: OXYGEN FUEL (RATIO 1:3:3)
NOZZLE DISTANCE 0.9cm

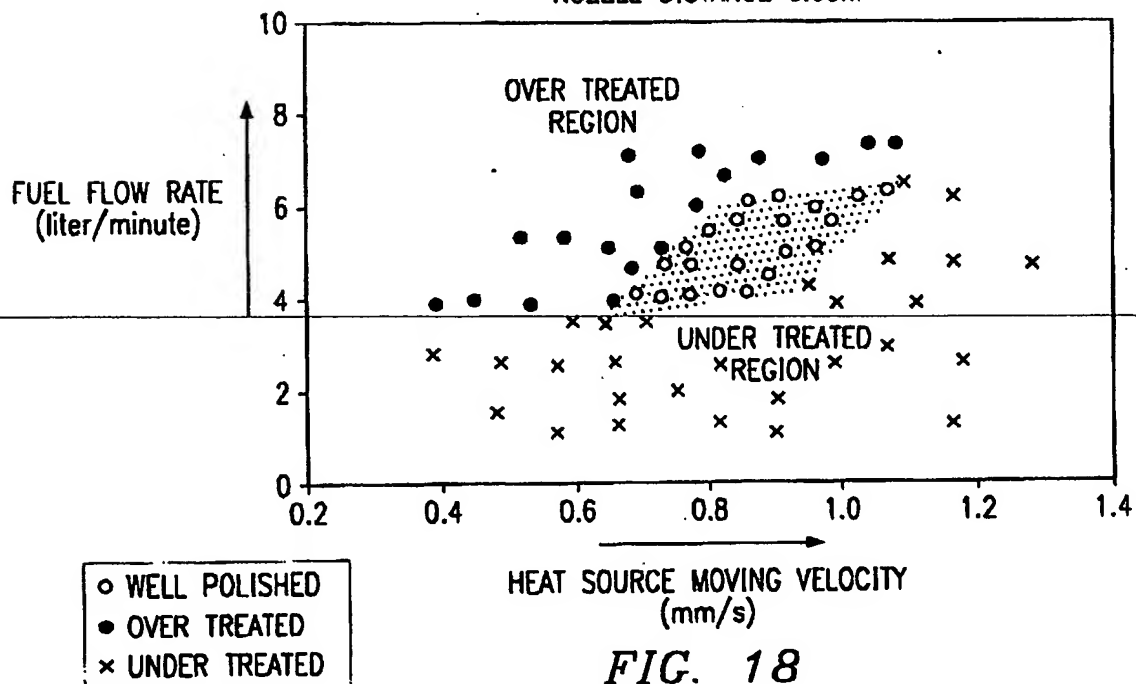


FIG. 18

A4

11/11

ACETYLENE: OXYGEN MIX (RATIO 1:1:2)
NOZZLE DISTANCE 5.8cm
TILT ANGLE 2°

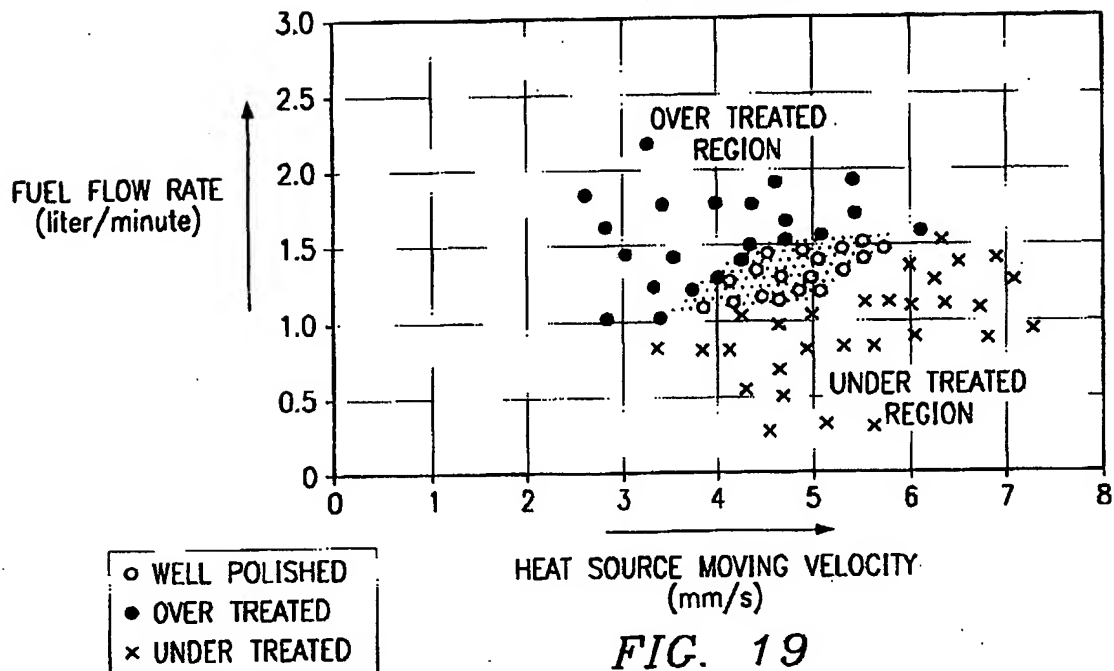


FIG. 19

ACETYLENE: OXYGEN MIX (RATIO 1:1:2)
NOZZLE DISTANCE 3.5cm
TILT ANGLE 2°

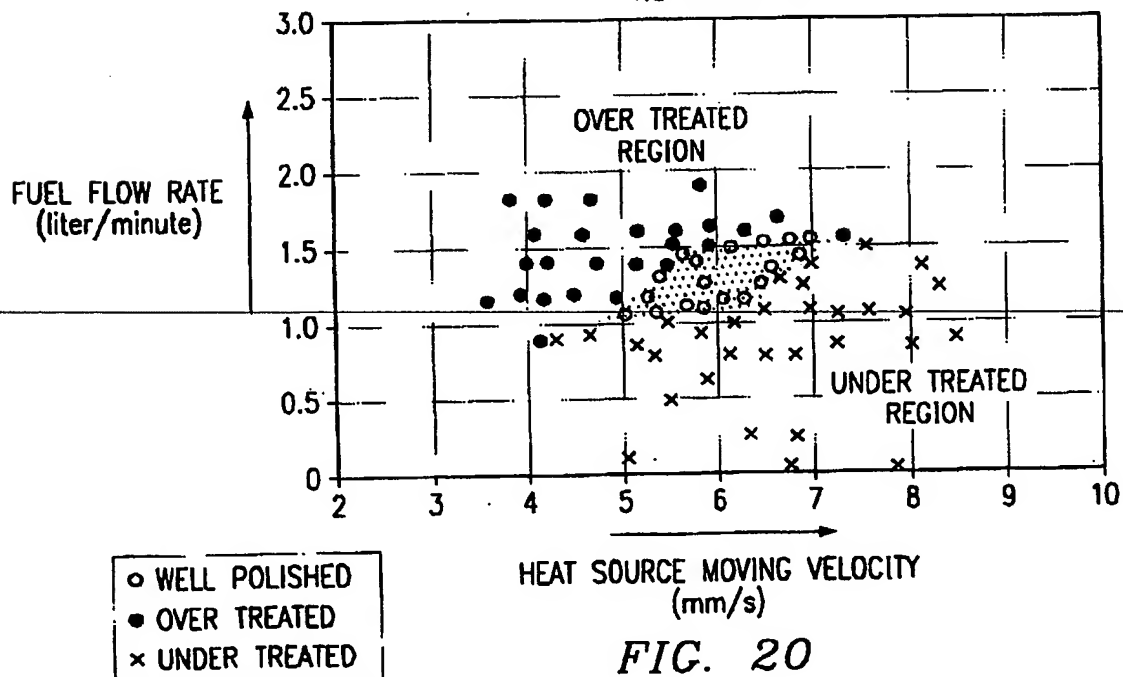


FIG. 20